

**CLAIMS**

1. Any wave power plant that its working principle is as the following detailed, said plant comprising the frame 5 with the legs 6 carrying at least two paddle units, said paddle units are movable by progressive waves, each of said paddle unit comprising a rod 3 to be submerged into the sea and said rod is secured on the frame with a possibility for pivoting with respect thereof, the lower extremity of the rod terminating by paddle plate 4, said paddle units residing on the frame in such a manner that the adjacent paddle plates are arranged in series and accordingly accept and consume the energy of progressive wave successively, wherein, each of said paddle units is provided with a dedicated transfer means for converting reciprocate pivoting motion of the paddle unit into electric energy, said transfer means comprising at least two any crankshaft mechanisms mounted on the upper frame 5 with the possibility of being driven by the rod 3, said crankshaft mechanisms causing that both, in forward paddle unit motion, the paddle's energy is accepted and consumed and also in backward paddle unit motion the paddle's energy is accepted and consumed, said paddle's energy in the paddle forward motion and in the paddle backward motion is accepted and consumed in at least one hydraulic engines.
2. The plant as defined in claim 1, in which said crankshaft mechanisms is the bi-directional pistons 1.
3. The plant as defined in claim 1 or/and in claim 2, in which said paddle units are secured on the frame in such a manner that they move at any time even at a tide time, in vertical motion while being supervised with any hydraulic system, to find the optimum fix position of the paddles' heights, that include in it the plates' heights below the sea level Z, to receive the maximum plant's energy, said paddle's heights stay in this position even when the sea water continues to move up and down with the tide.

4. The plant as defined in claim 3, in which said hydraulic system is the system with hydraulic motor – HM , the Brake BR and the cables 22, while the paddle's rod 3 can be divided to any number of parts to behave like a Telescope's operation.